353 Customs Events Advisory Details

Functional Group ID=SO

CBP MMM OCEAN X.12 IMPLEMENTATION GUIDE

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Customs Events Advisory Details Transaction Set (353) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers to notify Customs of events concerning cargo moving in-bond, or of conveyance arrivals or departures. These events include the arrival of containers, or cargo covered by individual ocean bills of lading or in-bond numbers, which have moved in-bond to an inland destination or which have been exported. Carriers can also use this transaction set to notify Customs of the arrival or departure of a conveyance for which an electronic manifest has been filed and for the transfer of custodial liability when an in-bond movement involves multiple legs.
This Implementation Guideline uses the ASC X12 5040 Standards Version/Release as its base.

Notes:

(Last update : March, 2008)

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	005	ISA	Interchange Control Header	M	1		
M	008	GS	Functional Group Header	M	1		
M	100	ST	Transaction Set Header	M	1		
	200	M10	Manifest Identifying Information	O	1		
Must Use	300	P4	U.S. Port Information	O	1		
Not Used	350	CM	Cargo Manifest	O	1		
			LOOP ID - M15			9999	
	400	M15	U.S. Customs Events Advisory Details	O	1		
	410	M7A	Seal Number Replacement	O	22		
	420	V1	Vessel Identification	O	1		
	440	V2	Vessel Information	O	1		
Not Used	445	MEA	Measurements	O	1		
	450	K1	Remarks	O	4		
M	500	SE	Transaction Set Trailer	M	1		
M	600	GE	Functional Group Trailer	M	1		
M	700	IEA	Interchange Control Trailer	M	1		

Segment: **ISA** **Interchange Control Header**
Position: 005
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ISA01**	**I01**	**Authorization Information Qualifier** Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	**M ID 2/2**
M	**ISA02**	**I02**	**Authorization Information** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) Always 10 spaces.	**M AN 10/10**
M	**ISA03**	**I03**	**Security Information Qualifier** Code to identify the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	**M ID 2/2**
M	**ISA04**	**I04**	**Security Information** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) Always 10 spaces	**M AN 10/10**
M	**ISA05**	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Sending Carrier Interchange Qualifier. Value either '02' (SCAC) or 'ZZ' (Default). 02 SCAC (Standard Carrier Alpha Code) ZZ Mutually Defined	**M ID 2/2**
M	**ISA06**	**I06**	**Interchange Sender ID** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element Sender Identifier. Up to 4 Characters. Value must contain identitiy of the Service Center if applicable.	**M AN 15/15**
M	**ISA07**	**I05**	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined	**M ID 2/2**
M	**ISA08**	**I07**	**Interchange Receiver ID** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them Values:	**M AN 15/15**

			'CUSTOMSTST' - Testing 'CUSTOMS' - Production		
M	**ISA09**	**I08**	**Interchange Date**	**M**	**DT 6/6**
			Date of the interchange		
M	**ISA10**	**I09**	**Interchange Time**	**M**	**TM 4/4**
			Time of the interchange		
M	**ISA11**	**I65**	**Repetition Separator**	**M**	**AN 1/1**
			Type is not applicable; the repetition separator is a delimeter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator.		
			Repetition Separator = "^" (caret)		
M	**ISA12**	**I11**	**Interchange Control Version Number**	**M**	**ID 5/5**
			This version number covers the interchange control segments		
			00504 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006		
M	**ISA13**	**I12**	**Interchange Control Number**	**M**	**N0 9/9**
			A control number assigned by the interchange sender		
			Note: the last five characters in this field will be returned as the USCS Batch number on the output 355 transaction response.		
M	**ISA14**	**I13**	**Acknowledgment Requested**	**M**	**ID 1/1**
			Code sent by the sender to request an interchange acknowledgment (TA1)		
			0 No Acknowledgment Requested		
M	**ISA15**	**I14**	**Usage Indicator**	**M**	**ID 1/1**
			Code to indicate whether data enclosed by this interchange envelope is test, production or information		
			P Production Data		
M	**ISA16**	**I15**	**Component Element Separator**	**M**	**AN 1/1**
			Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator		
			Colon ' : ' preferred.		

Segment: **GS** **Functional Group Header**
Position: 008
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:
1 GS04 is the group date.
2 GS05 is the group time.
3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.
Comments:
1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**GS01**	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets SO Ocean Shipment Information	**M**	**ID 2/2**
M	**GS02**	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners Sender Identifier/SCAC. Up to 4 Characters. May be identical to that of ISA 06	**M**	**AN 2/15**
M	**GS03**	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners Values: 'CUSTOMSTST' - Testing 'CUSTOMS' - Production	**M**	**AN 2/15**
M	**GS04**	**373**	**Date** Date expressed as CCYYMMDD Date as CCYYMMDD where: CC - Century YY - Year MM - Month of Year DD - Day of Month	**M**	**DT 8/8**
M	**GS05**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) 'HHMM' preferred.	**M**	**TM 4/8**
M	**GS06**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**N0 1/9**
M	**GS07**	**455**	**Responsible Agency Code** Code used in conjunction with Data Element 480 to identify the issuer of the standard X Accredited Standards Committee X12	**M**	**ID 1/2**
M	**GS08**	**480**	**Version / Release / Industry Identifier Code** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number;	**M**	**AN 1/12**

positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

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Segment: **ST** **Transaction Set Header**
Position: 100
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: **1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 353 U.S. Customs Events Advisory Details	**M ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M AN 4/9**

Segment: **M10** **Manifest Identifying Information**
Position: 200
Loop:
Level:
Usage: Optional
Max Use: 1
Purpose: To transmit manifest identifying information
Syntax Notes:
1 If either M1004 or M1010 is present, then the other is required.
2 At least one of M1005 or M1004 is required.
Semantic Notes:
1 M1004 is Lloyd's vessel code.
2 M1007 is used for the six-digit Numeric Manifest Sequence Number.
3 M1011 indicates if the transmission involves an in-bond participant. A "Y" indicates it does; an "N" indicates it does not.
4 M1012 is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15.
Comments:
1 M1003 is the code identifying the country in which the ship (vessel) is registered.
2 M1008 is used for number of bills lading. (Maximum five-digits.)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**M1001**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code Ocean carrier initiating manifest.	**M**	**ID 2/4**
M	**M1002**	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment O Containerized Ocean	**M**	**ID 1/2**
Required	**M1003**	**26**	**Country Code** Code identifying the country ISO 2 character Country Code The ISO code representing the country in which the vessel is registered. The valid list of country codes is in Appendix 1.	**O**	**ID 2/3**
	M1004	**597**	**Vessel Code** Code identifying vessel Lloyds Code - U.S. Customs will accept up to 7 characters of data for this element. The code from the Lloyd's Register of Ships/International Maritime Organization for the vessel. Ocean manifest accepts only 7 numerics.	**X**	**ID 1/8**
	M1005	**182**	**Vessel Name** Name of ship as documented in "Lloyd's Register of Ships" Ocean manifest accepts only 23 positions.	**X**	**AN 2/28**
Required	**M1006**	**55**	**Flight/Voyage Number** Identifying designator for the particular flight or voyage on which the cargo travels U.S. Customs will accept up to 5 characters of data for this element.	**O**	**AN 2/30**
	M1007	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Unique carrier number which will be returned from U.S. Customs in the response. U.S. Customs will accept up to 6 characters of data in this element. This is the unique carrier-supplied number referencing the manifest. If the Carrier supplies no number here, the default is '000001'. This number will be returned in the M1007 of the 350 U.S. Customs Status Information Set. Ocean manifest accepts only 6 positions.	**O**	**AN 1/80**
Required	**M1009**	**256**	**Manifest Type Code**	**O**	**ID 1/1**

Code identifying the type of manifest transmitted

H Arrival Notification from Carrier to U.S. Customs

M1010	**897**	**Vessel Code Qualifier**	**X**	**ID 1/1**

Code specifying vessel code source

L Lloyd's Register of Shipping

M1012	**127**	**Reference Identification**	**O**	**AN 1/80**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Reference Number that will be returned to Carrier in the 355 or 824 response transaction message. Up to 30 bytes of data may be sent in this element. This is a unique identifier supplied by the carrier to reference transactions associated with the manifest.

Segment: **P4** **U.S. Port Information**
Position: 300
Loop:
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit identifying information for a U.S. port
Syntax Notes:
Semantic Notes:
1 P401 is used for customs district and port code (census schedule D).
2 P402 is the estimated date of arrival.
4 P404 is the Facilities Information and Resources Management System (FIRMS) Code.
5 P405 is the estimated time of arrival for P402.
Comments:
Notes: Port of Discharge information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**P401**	**310**	**Location Identifier**	**M**	**AN 1/30**
			Code which identifies a specific location		
			Port of Entry. Reference Schedule 'D' in Appendix 'E' in the CAMIR documentation. CPB ocean manifest accepts only 4 numerics. Port of expected entry. First U.S. Physical port of arrival in U.S. Census Schedule D code.		
M	**P402**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
			Estimate Date of Arrival. Date as CCYYMMDD where: CC - Century YY - Year MM - Month of Year DD - Day of Month		
	P404	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		
			Firms Code. Up to 4 characters of data may be sent in this element. Facilities Information Resources Management System (FIRMS) code. This is the location where the cargo will be taken after discharge. Ocean manifest accepts only codes made of 1 alpha and 3 numerics.		
	P405	**337**	**Time**	**O**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			Scheduled/estimated Time of Arrival at First U.S. Port.		

Segment: **M15** **U.S. Customs Events Advisory Details**
Position: 400
Loop: M15 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To notify U.S. Customs of in-bond cargo movement or of a conveyance arrival or departure, or of transfer of custodial liability when an in-bond movement involves multiple legs
Syntax Notes:
1 At least one of M1504 or M1510 is required.
2 If M1511 is present, then M1510 is required.
Semantic Notes:
1 M1503 is the date of cargo movement, transfer of liability, or conveyance arrival or departure.
2 M1504 is the Schedule D code for place of cargo movement, transfer of liability or conveyance arrival or departure.
3 M1505 is the unique bill of lading issuer code, required when M1501 is "2", "6", or "B".
4 M1506 is the time of cargo movement, transfer of liability, or conveyance arrival or departure.
5 M1508 is the Internal Revenue Service identification number of the next in-bond carrier.
6 M1509 is the Standard Carrier Alpha Code (SCAC) of the next in-bond carrier.
7 M1510 is the city in which a transfer of custodial liability occurs.
8 M1511 is the state or province code for the city named in M1510.
9 If M1512 is "Y", then M1510 is an intermediate port. If "N", then M1510 is the port of final destination.
Comments:
1 For cargo arrival or export notifications or transfer of liability, M1502 can be an in-bond number, bill of lading number or container ID. For conveyance arrival and departures, M1502 will contain the voyage or trip number.
2 For M1504 use Schedule D for port of arrival.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**M1501**	**1497**	**Notification Entity Qualifier** Code indicating type of notifications For arrival of in-bonds, M15 segments should be arranged by notification entity qualifier code: 1, 2, 3. Do not mix qualifiers in the same 353 set. 1 Arrival by In-bond Number at port of discharge/in-bond destination 2 Arrival by Bill of Lading Number at port of discharge/in-bond destination 3 Arrival by Equipment Number at port of discharge/in-bond destination 4 Conveyance Arrival 5 Export by In-bond Number 6 Export by Bill of Lading Number 7 Export by Equipment Number 9 Vessel Departure from Foreign Port 11 Seal Number Replacement 12 Cancel Seal Number Replacement 13 Vessel name change when no IMO used in original manifest input A Transfer of In-bond Liability [In-bond Number] B Transfer of In-bond Liability [Bill of Lading] C Transfer of In-bond Liability by Equipment Number	**M AN 1/2**

F	Cancel Arrival by In-bond Number at port of discharge/in-bond arrival
G	Cancel Arrival by Bill of Lading at port of discharge/in-bond arrival
H	Cancel Arrival by Equipment Number at port of discharge/in-bond arrival
I	Cancel Export by In-Bond Number
J	Cancel Export by Bill of Lading
K	Cancel Export by Equipment Number
L	Cancel Transfer of Liability by In-bond Number
M	Cancel Transfer of Liability by Bill of Lading Number
P	Cancel Permit to Transfer by Container/Equipment Number
Q	Stop Status Notification
R	Resume Status Notifications
RB	Resend by Batch [Batch DP Site]
RC	Resend Batch Range [Start-Stop]
RD	Resend by BOL and DP Site
RE	Resend Time [Start-Stop]
S	Delete Consist
V	Cancel Permit to Transfer by Bill of Lading
X	Conveyance Enroute
Y	Change in Estimated Date of Arrival

M **M1502** **127** **Reference Identification** **M** **AN 1/80**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

When using code qualifier 'RB' in M1501 the M1502 represents the Batch Number found in the ISA13 of the original 350, 355 or 824 transaction.

When using code qualifer 'RC' in M1501 the M1502 represents the Batch Number, found in the ISA13 of the original 350, 355, or 824 transaction. Enter the date range (Begin Date/Time) in M1503, M1506) and the (End Date/Time) in the M1518, M1519 respectively.

This value will represent the B/L number, vessel number, container number, or conventional in-bond number. U.S. Customs will accept up to 14 bytes of data in this element.
May contain in-bond number, bill of lading (shipment control) number, or Equipment ID. If Equipment ID, it must have equipment initial and number, concatenated together to form one whole number.

If M1501 is '1', '5',, 'A', 'F', 'I' or 'L' then this will be the in-bond number found in the M1202 or M1206 in the original 309 set.

If M1501 is '2', '6', 'B', 'G', 'J', or 'M' then this will be the Shipment Control Number found in the M1101+M1112 in the original 309 set.

If M1501 is '3', '7', 'C', 'H', 'K, or 'N' then this will be the Equipment Initial and Number found in the VID segment in the original 309. Then M1513 must be 'IB' or 'BM' and M1514 must be the in-bond number from the M1202 or M1206 or a bill of lading number from the M1101+M1112 or M1111+M1113 associated with the VID segment in the original 309 set.

M **M1503** **373** **Date** **M** **DT 8/8**

Date expressed as CCYYMMDD

This is the date of the action in M1501 and M1502.
This is the Begin Date when using code qualifier 'RC' in M1501; Use format: CCYYMMDD.

	M1505	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
			Standard Carrier Alpha Code		
			Carrier issuing the Shipment Control Number. This is the SCAC in M1112 of the original 309 set and together with the Shipment Control number in M1501 comprise the complete bill of lading. Required when M1501 is '2'.		
M	**M1506**	**337**	**Time**	**M**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			This is the Begin Time when using code qualifier 'RC' in M1501. Use format 'HHMM' Where: 'HH' = Hour and 'MM' = Minute This is the time of the action in M1501 and M1502.		
	M1508	**127**	**Reference Identification**	**O**	**AN 1/80**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Reference Number. (Mandatory for Transfer of Liability). U.S. Customs will accept up to 12 bytes of data in this element. This is the Internal Revenue Service Reference Number of the onward carrier.		
	M1509	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
			Standard Carrier Alpha Code		
			SCAC code mandatory for transfer of liability. This is the SCAC code of the carrier assuming the transfer of liability.		
	M1510	**19**	**City Name**	**X**	**AN 2/30**
			Free-form text for city name		
			City Name where transfer occurs. Mandatory for transfer of liability. U.S. Customs will accept up to 19 bytes of data in this element. Use the 19 character name if no code exists for locality. Only used when M1501 is 'C' or 'N' -- Future Use.		
	M1511	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
			State or Providence Code. Mandatory for transfer of liability. This is the State/Province code of the city indicated in M1510 -- Future Use.		
	M1513	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
			NOTE: If Data Element M1513 is used, must also transmit Data Element M1514.		
			BM Bill of Lading Number IB In Bond Number OB Ocean Bill of Lading		
	M1514	**127**	**Reference Identification**	**X**	**AN 1/80**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Bill number or in-bond number associated with value in DE M1502. (The in-bond number can be Paperless or conventional.) U.S. Customs will accept up to 16 bytes of data in this element. NOTE: If Data Element M1514 is used, must also transmit Data Element M1513. This is the reference number for the qualifier in M1513. This is required when M1501 is '3', '7', 'C','H', 'K' or 'N', and M1502 is the container/equipment number. This is a bill number or in-bond number of a shipment within the container being arrived, or exported, or when the in-bond arrival or export is canceled.		
	M1515	**182**	**Vessel Name**	**O**	**AN 2/28**
			Name of ship as documented in "Lloyd's Register of Ships"		

			Vessel name required if T&E or IE movement. U.S. Customs will accept up to 23 bytes of data in this element. Name of the exporting vessel. Limited to 23 characters.		
Required	**M1516**	**91**	**Transportation Method/Type Code**	**X**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment S Ocean		
	M1517	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location Foreign Port Code. Refer to Schedule K in Appendix 'H' of the CAMIR Documentation. Last Foreign Port (Census Schedule D) Ocean manifest only accepts 5 positions.		
	M1518	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD This is the End Date when using code qualifier 'RC' in M1501.		
	M1519	**337**	**Time**	**O**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) This is the End Time when using code qualifier 'RC' in M1501.		

Segment: **M7A** **Seal Number Replacement**
Position: 410
Loop: M15 Optional
Level:
Usage: Optional
Max Use: 22
Purpose: To provide an audit trail of seal number changes
Syntax Notes: **1** If either M7A04 or M7A05 is present, then the other is required.
Semantic Notes: **1** M7A01 is the original seal number.
2 M7A02 is the replacement seal number.
3 M7A03 is the date the new seal was installed.
4 M7A04 and M7A05 indicate the party responsible for the seal replacement.
5 M7A06 is a description of why the seal was replaced.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**M7A01**	**225**	**Seal Number** Unique number on seal used to close a shipment	**M**	**AN 2/15**
M	**M7A02**	**225**	**Seal Number** Unique number on seal used to close a shipment	**M**	**AN 2/15**
	M7A03	**373**	**Date** Date expressed as CCYYMMDD	**O**	**DT 8/8**
	M7A04	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual	**X**	**ID 2/3**
	M7A05	**93**	**Name** Free-form name	**X**	**AN 1/60**
	M7A06	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**
	M7A07	**302**	**Location on Equipment** Indicates a location on a piece of equipment, as observed from the rear-end. The rear-end of the equipment is based on the equipment type (i.e. container door,cassis wheels, brakes.) Refer to 005040++ Data Element Dictionary for acceptable code values.	**O**	**ID 1/3**

Segment: **V1** **Vessel Identification**
Position: 420
Loop: M15 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To provide vessel details and voyage number
Syntax Notes: **1** At least one of V101 or V102 is required.
2 If V108 is present, then V101 is required.
Semantic Notes: **1** V103 is the code identifying the country in which the ship (vessel) is registered.
2 V105 identifies the ocean carrier.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
V101	**597**	**Vessel Code** Code identifying vessel	**X**	**ID 1/8**
V102	**182**	**Vessel Name** Name of ship as documented in "Lloyd's Register of Ships"	**X**	**AN 2/28**
V103	**26**	**Country Code** Code identifying the country	**O**	**ID 2/3**
V104	**55**	**Flight/Voyage Number** Identifying designator for the particular flight or voyage on which the cargo travels	**O**	**AN 2/10**
V105	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**O**	**ID 2/4**
V106	**249**	**Vessel Requirement Code** Code specifying options for satisfying vessel requirements Refer to 005040++ Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
V107	**854**	**Vessel Type Code** Code to determine type of vessel Refer to 005040++ Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
V108	**897**	**Vessel Code Qualifier** Code specifying vessel code source Refer to 005040++ Data Element Dictionary for acceptable code values.	**O**	**ID 1/1**
V109	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment Refer to 005040++ Data Element Dictionary for acceptable code values.	**O**	**ID 1/2**

Segment: **V2** **Vessel Information**
Position: 440
Loop: M15 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To provide vessel details
Syntax Notes:
1 If either V203 or V204 is present, then the other is required.
2 If either V205 or V206 is present, then the other is required.
3 If either V207 or V208 is present, then the other is required.
4 If either V209 or V210 is present, then the other is required.
5 If either V211 or V212 is present, then the other is required.
Semantic Notes:
1 V201 is the place of vessel registry.
2 V216 is the number of crew members.
3 V217 is the number of passengers.
Comments:
1 V202 is the vessel registry number.
2 V203 is the vessel net registry tonnage.
3 V205 is the vessel gross registry tonnage.
4 V207 is the vessel containerized cargo tonnage.
5 V209 is the vessel noncontainerized cargo tonnage.
6 V211 is the vessel summer dead weight tonnage.
7 V213 is the name of the master of the vessel.
8 V214 is the length of the vessel.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
V201	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		
V202	**127**	**Reference Identification**	**O**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
V203	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
V204	**188**	**Weight Unit Code**	**X**	**ID 1/1**
		Code specifying the weight unit		
		Refer to 005040++ Data Element Dictionary for acceptable code values.		
V205	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
V206	**188**	**Weight Unit Code**	**X**	**ID 1/1**
		Code specifying the weight unit		
		Refer to 005040++ Data Element Dictionary for acceptable code values.		
V207	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
V208	**188**	**Weight Unit Code**	**X**	**ID 1/1**
		Code specifying the weight unit		
		Refer to 005040++ Data Element Dictionary for acceptable code values.		
V209	**81**	**Weight**	**X**	**R 1/10**
		Numeric value of weight		
V210	**188**	**Weight Unit Code**	**X**	**ID 1/1**
		Code specifying the weight unit		
		Refer to 005040++ Data Element Dictionary for acceptable code values.		
V211	**81**	**Weight**	**X**	**R 1/10**

		Numeric value of weight		
V212	**188**	**Weight Unit Code**	**X**	**ID 1/1**
		Code specifying the weight unit Refer to 005040++ Data Element Dictionary for acceptable code values.		
V213	**93**	**Name**	**O**	**AN 1/60**
		Free-form name		
V214	**82**	**Length**	**O**	**R 1/8**
		Largest horizontal dimension of an object measured when the object is in the upright position		
V215	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005040++ Data Element Dictionary for acceptable code values.		
V216	**380**	**Quantity**	**O**	**R 1/15**
		Numeric value of quantity		
V217	**380**	**Quantity**	**O**	**R 1/15**
		Numeric value of quantity		

Segment: **K1** **Remarks**
Position: 450
Loop: M15 Optional
Level:
Usage: Optional
Max Use: 4
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**K101**	**61**	**Free-Form Message** Free-form information	**M**	**AN 1/30**
	K102	**61**	**Free-Form Message** Free-form information	**O**	**AN 1/30**

Segment: **SE** **Transaction Set Trailer**
Position: 500
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M N0 1/10**
M	**SE02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M AN 4/9**

Segment: **GE** **Functional Group Trailer**
Position: 600
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax Notes:
Semantic Notes: **1** The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.
Comments: **1** The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**GE01**	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0 1/6**
M	**GE02**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**N0 1/9**

Segment: **IEA** **Interchange Control Trailer**
Position: 700
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**IEA01**	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**N0 1/5**
M	**IEA02**	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**N0 9/9**